## **EAST Search History**

| Ref<br>#   | Hits  | Search Query   | DBs                          | Default<br>Operator | Plurals | Time Stamp       |
|------------|-------|--|------------------------------|---------------------|---------|------------------|
| S1         | 37    | "425"/\$.ccls. and imprint and lithography   | US-PGPUB;<br>USPAT           | OR                  | ON      | 2006/02/06 10:10 |
| <b>S</b> 2 | 710   | imprint and lithography and polymer  | US-PGPUB;<br>USPAT           | OR                  | ON      | 2006/02/06 10:11 |
| S3         | 436   | imprint and lithography and polymer and (irradiate or radiation or cure)   | US-PGPUB;<br>USPAT           | OR                  | ON      | 2006/02/06 10:15 |
| S4         | 898   | (425/174.4).CCLS.  | US-PGPUB;<br>USPAT           | OR                  | OFF     | 2006/02/06 10:15 |
| S5         | 20    | S4 and (stamp or imprint)  | US-PGPUB;<br>USPAT           | OR                  | ON      | 2006/02/06 10:17 |
| S6         | 255   | (425/171).CCLS.  | US-PGPUB;<br>USPAT           | OR                  | OFF .   | 2006/02/06 10:18 |
| <b>S7</b>  | 10018 | G03F009/00 · •   | DERWENT                      | OR                  | ON      | 2006/02/06 10:18 |
| S8         | 37    | S7 and (imprint or stamp)  | DERWENT                      | OR                  | ON      | 2006/02/06 10:18 |
| S9         | 3518  | (Kim.inv. or Nam.inv. or Hah.inv.) and photoresist   | US-PGPUB;<br>USPAT           | OR                  | ON      | 2006/02/06 10:29 |
| S10        | 54    | (Kim.inv. or Nam.inv. or Hah.inv.) and photoresist and template  | US-PGPUB;<br>USPAT           | OR                  | ON      | 2006/02/06 10:33 |
| S11        | 10018 | G03F009/00   | DERWENT                      | OR                  | ON      | 2006/02/06 10:32 |
| S12        | · 4   | S11 and photoresist and template   | DERWENT                      | OR                  | ON      | 2006/02/06 10:32 |
| S13        | 2012  | photoresist and template and pattern and (light or cure)   | US-PGPUB;<br>USPAT           | OR                  | ON      | 2006/02/06 10:34 |
| S14        | 1235  | photoresist and template and pattern<br>and (light or cure) and (lithographic or<br>lithography)   | US-PGPUB;<br>USPAT           | OR ·                | ON      | 2006/02/06 10:34 |
| S15        | 226   | photoresist and template and pattern<br>and (light or cure) and (lithographic or<br>lithography) and (imprint or stamp)  | US-PGPUB;<br>USPAT           | OR                  | ON      | 2006/02/06 10:51 |
| S16        | 12    | ("4837123"   "5308741"   "5477058"  <br>"5576123"   "5876878"   "5882827"  <br>"5935736"   "6096459"   "6190929"  <br>"6207333"   "6376130"   "6376131").<br>PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR                  | ON      | 2006/02/06 10:38 |
| S17        | 1     | ("6387787").PN.  | US-PGPUB;<br>USPAT           | OR                  | OFF     | 2006/02/06 10:38 |
| S18        | 30    | photoresist and template and pattern<br>and (light or cure) and (lithographic or<br>lithography) and (imprint or stamp)<br>and (release adj layer)               | US-PGPUB;<br>USPAT           | OR                  | ON      | 2006/02/06 12:21 |
| S19        | 1     | photoresist and template and pattern<br>and (lithographic or lithography) and<br>(imprint or stamp) and ((release adj<br>layer) with fluorocarbon)               | US-PGPUB;<br>USPAT           | OR                  | ON      | 2006/02/06 12:53 |

## **EAST Search History**

|           |                |  |                | r          |           |                  |
|-----------|----------------|--|----------------|------------|-----------|------------------|
| S20       | 94             | (("5414514") or ("5808472") or   | US-PGPUB;      | ÖR         | OFF       | 2006/08/21 10:06 |
|           |                | ("6088103") or ("6309580") or  | USPAT          |            |           | , ,              |
|           |                | ("6391217") or ("6517977") or  |                |            |           |                  |
|           |                | ("6522411") or ("6696220") or  |                |            |           |                  |
|           |                |  |                |            |           |                  |
|           |                | ("6713238") or ("3783520") or  |                |            |           |                  |
| 1         |                | ("6150231") or ("6489068") or  |                |            |           |                  |
|           |                | ("6646662") or ("6776094") or  |                |            |           |                  |
|           |                | ("4600309") or ("4848911") or  |                |            | 1         |                  |
|           |                | ("5074667") or ("5148036") or  |                |            |           |                  |
|           |                | ("5148037") or ("6518189") or  |                |            |           |                  |
|           | -              |  |                |            |           |                  |
|           |                | ("6482742") or ("6828244") or  |                |            |           |                  |
| 1         |                | ("6809356") or ("5737064") or  |                |            |           |                  |
|           |                | ("6636311") or ("6383888") or  |                |            |           |                  |
|           |                | ("5999245") or ("6630410") or  |                |            |           |                  |
|           |                | ("6580172") or ("4722878") or  |                |            |           |                  |
|           |                | ("4512848") or ("6388755") or  |                |            |           |                  |
|           |                | ("6295120") or ("6049373") or  |                | :          |           |                  |
|           | 1              |  |                |            |           |                  |
|           |                | ("6285439") or ("6791669") or  |                |            |           |                  |
|           |                | ("6517995") or ("6716754") or  |                |            | :         |                  |
|           |                | ("5028366") or ("5601641") or  |                |            |           |                  |
|           |                | ("5849209") or ("5849222") or  |                |            |           |                  |
|           |                | ("5206983") or ("6117708") or  |                |            |           | •                |
|           |                | ("6316290") or ("6387787") or  |                |            |           |                  |
|           |                | ("6665119") or ("6190929") or  |                |            |           |                  |
|           | ł              | ("4512848") or ("5477058") or  |                |            |           |                  |
|           |                |  |                |            |           |                  |
|           |                | ("6900881") or ("6902853") or  |                |            |           |                  |
|           |                | ("6890688") or ("6908861") or  |                |            |           |                  |
|           |                | ("6916584") or ("6932934") or  |                |            |           |                  |
|           |                | ("4959252") or ("5218193") or  |                |            |           |                  |
|           |                | ("5259926") or ("5348616") or  |                |            |           |                  |
|           |                | ("5355219") or ("5512131") or  |                |            |           |                  |
|           |                | ("5545367") or ("5952127") or  |                |            |           |                  |
|           |                | ("6051345") or ("6137562") or  |                |            |           |                  |
|           |                | ("6420892") or ("4201800") or  |                |            |           |                  |
|           | ]              | ("6770852") or ("5937758") or  |                |            |           |                  |
|           |                |  |                |            |           |                  |
|           |                | ("5726548") or ("5508527") or  |                | ٠.         |           |                  |
|           |                | ("5876550") or ("5785918") or  |                |            |           |                  |
|           |                | ("5171490") or ("4964145") or  |                |            |           |                  |
| -         |                | ("4887283") or ("5155749") or  |                |            |           |                  |
|           | '              | ("5504793") or ("6580505") or  |                |            |           | ·                |
|           |                | ("6753131") or ("6819426") or  |                |            |           |                  |
|           |                | ("6019166") or ("5563684") or  |                |            |           |                  |
|           | ]              | ("5956216") or ("5820769") or  |                |            |           |                  |
|           |                | ("4256829") or ("6916585") or  |                |            |           |                  |
|           |                |  |                |            |           |                  |
|           |                | ("6919152") or ("6153886") or  |                |            |           |                  |
|           |                | ("5853446") or ("6251207") or  |                |            |           |                  |
|           |                | ("5331371") or ("6929762") or  |                |            |           |                  |
|           | l i            | ("6849558")).PN. or ((2002/0177319)  |                |            |           |                  |
|           |                | or (2004/0163563) or (2003/0113638)  |                |            |           | 1                |
|           |                | or (2002/0132482) or (2002/0167117)  |                |            |           |                  |
|           |                | or (2003/0080471) or (2004/0036201)  |                |            |           |                  |
|           |                | or (2004/0192041) or (2004/0197843)  |                |            |           |                  |
|           |                | or (2004/0156108) or (2004/0137734)  |                |            |           |                  |
|           |                |  |                |            |           |                  |
| .         |                | or (2004/0131718) or (2004/0118809)  |                |            |           |                  |
|           |                | or (2004/0046288) or (2003/0080472)  |                |            |           |                  |
| 8/21/06   | 11:27:41 AM    | or (2003/0034329) or (2002/0042027)  |                |            |           | Deca 2           |
| C:\Docu   | ments and Sett | or (2004/0033515) or (2004/0168586)<br>or (2004/0189996) or (2004/02091//) | 0 carios\10555 | 27 and PCT | 30360     | Page 2           |
| J. (DOCU) |                | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~                                     | 0 201152/10000 | , and FCIL | ,JU207.WS | ۲                |
| 1         | i l            | or (2002/0175298) or (2004/0110856)  | ļ              | 1          |           |                  |

## **EAST Search History**

| S21 | 10   | (("6664026") or ("6261469") or<br>("5817376") or ("6986975") or<br>("3677178") or ("6743368") or<br>("6399406") or ("6605849") or<br>("6607173") or ("7037639")).PN. or<br>((2003/0180631) or (2006/0019183)<br>or (2005/0236360) or<br>(2006/0096949)).CCLS. | US-PGPUB;<br>USPAT | OR | OFF  | 2006/08/21 10:47 |
|-----|------|---|--------------------|----|------|------------------|
| S22 | 62   | ("3677178").URPN.   | USPAT              | OR | ON   | 2006/08/21 10:19 |
| S23 | 26   | (imprint with template) and (alignment adj marks)   | USPAT              | OR | ON   | 2006/08/21 10:20 |
| S24 | 1901 | (430/30).CCLS.  | US-PGPUB;<br>USPAT | OR | OFF  | 2006/08/21 10:48 |
| S25 | 1237 | (430/22).CCLS.  | US-PGPUB;<br>USPAT | OR | OFF  | 2006/08/21 10:48 |
| S26 | 0    | (S24 or S25) and (alignment with embed)   | US-PGPUB;<br>USPAT | OR | ON   | 2006/08/21 10:48 |
| S27 | 0    | (S24 or S25) and (mark with embed)  | US-PGPUB;<br>USPAT | OR | ON   | 2006/08/21 10:48 |
| S28 | 10   | (S24 or S25) and (mark with embedded)   | US-PGPUB;<br>USPAT | OR | ON . | 2006/08/21 10:48 |